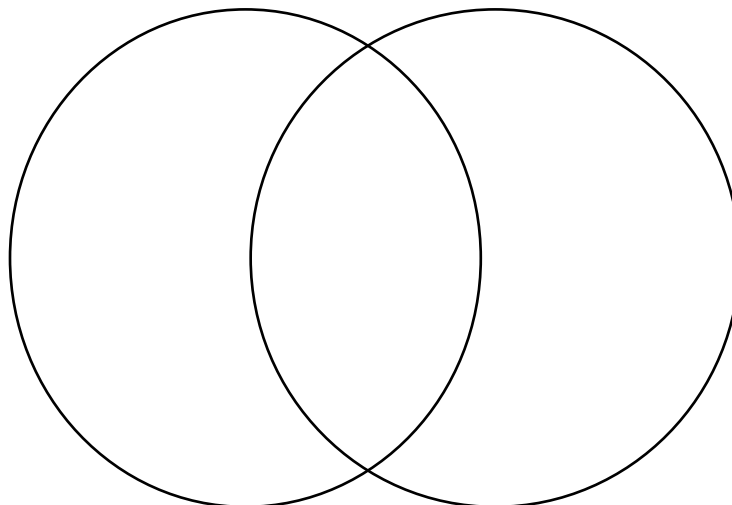


Biology: Chapter 2: 2.3 Carbs and Lipids Review

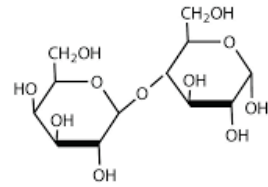
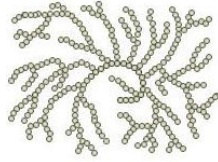
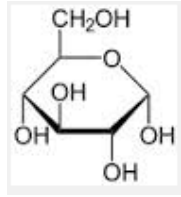
Name _____ period ____ date _____

I. Carbohydrates

1. _____ The scientific name for a single sugar.
2. _____ The atoms found in a carbohydrate.
3. _____ Ratio of H to O in a carbohydrate.
4. _____ Only carbohydrate used by the body for energy.
5. _____ Sweet sugar found in fruit and corn.
6. _____ Chemical formula for glucose.
7. _____ The scientific name for a double sugar
8. _____ Table sugar
9. _____ Milk sugar
10. _____ Carbohydrate macromolecules.
11. _____ Stored glucose in animal livers and muscles
12. _____ Stored glucose in plants
13. _____ Cell wall material, found in wood and paper
14. _____ Reaction used to make disaccharides and polysaccharides.
15. _____ Reaction used to break down disaccharides and polysaccharides.
16. Use the Venn diagram to compare and contrast sugars and starches.



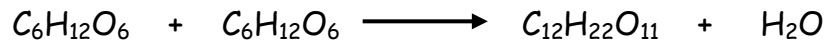
17. Identify the following as a monosaccharide, disaccharide or polysaccharide.



a. _____ b. _____ c. _____

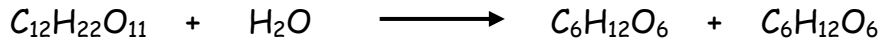
18. Identify the products, reactants and the type of chemical reaction that builds sucrose

a. The following reaction is a _____ reaction.



19. Identify the products, reactants and the type of chemical reaction that breaks down lactose.

a. The following reaction is a _____ reaction.



20. Explain how starch and glycogen are alike and how they differ.
